paragraph_id	release	segment	req_title	req_type	req_cat	funct_status	text	interpretation
ASTER-0010#B	B	SDPS | CSMS	Applicability of ECS/SCF IRD	interface	TBD	fully met	ECS and ASTER GDS shall conform to the IRD Between EOSDIS Core System and Science Computing Facilities with regard to the passing of data production software, and calibration coefficients, ~~data product quality assurance information and other data~~ between the two systems in support of data production software development for standard ASTER data products.	
~~ASTER-0020#A~~	~~A~~	~~SDPS~~	~~ASTER L1 Algorithms to EDC DAAC~~	~~interface~~	~~TBD~~	fully met	~~ASTER GDS shall have the capability to send and ECS (EDC DAAC) shall have the capability to receive all algorithms, source code, and documentation used by the ASTER GDS to process ASTER Level 0 data to Level 1 and higher level standard products.~~	
ASTER-0020#B	B	SDPS	ASTER L1 Algorithms to EDC DAAC	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS (EDC DAAC) shall have the capability to receive all algorithms, source code, and documentation used by the ASTER GDS to process ASTER Level 0 data to Level 1 and higher level standard products.	
ASTER-0030#B	B	SDPS	ECS ASTER Algorithms to Japan	interface	TBD	fully met	ECS (EDC DAAC) shall have the capability to send and ASTER GDS shall have the capability to receive all algorithms, source code, and documentation used by ECS to process ASTER Level 1 data to higher level products.	
ASTER-0040#B	B	CSMS	LTSP to ASTER	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive EOS Long Term Science Plans.	

ASTER-0045#B	B	CSMS	LTIPs to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive EOS Long Term Instrument Plans.	
ASTER-0050#A[1]	A	FOS	ASTER Data Base Updates to EOC	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive requests for updates to the ASTER operations data base.	
ASTER-0050#B	B	FOS	ASTER Data Base Updates to EOC	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive requests for updates to the ASTER operations data base.	
ASTER-0060#A[2]	A	FOS	EOC data base updates to ASTER ICC	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive an updated EOC operations data base, containing at a minimum, spacecraft and instrument telemetry formats, limits, and associated information and ASTER instrument command formats and associated information.	
ASTER-0060#B	B	FOS	EOC data base updates to ASTER ICC	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive an updated EOC operations data base, containing at a minimum, spacecraft and instrument telemetry formats, limits, and associated information and ASTER instrument command formats and associated information.	

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[1] The addition of this new RBR is REJECTED. This interface with the ASTER ICC is neither required nor testable until Release B.

[2] The addition of this new RBR is REJECTED. This interface with the ASTER ICC is neither required nor testable until Release B.

ASTER-0100#B	B	SDPS	DAR constraints	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive information on ASTER instrument operations and constraints that may be applicable to DAR specification. The ASTER instrument constraint information shall include (at a minimum): a. descriptive information for the ASTER instrument b. default settings for instrument configurable parameters c. range of values for instrument configurable parameters d. instrument constraint information	

| ASTER-0110#B | B | SDPS | ASTER DARs to Japan | interface | TBD | fully met | ECS shall have the capability to send and ASTER GDS shall have the capability to receive DARs for the ASTER instrument. DARs shall contain the following information, at a minimum:
a. Observation number
b. Experimenter identification
c. Experimenter address
d. Investigation identification
e. Scientific discipline
f. Observation repetition period
g. Tolerance in observation time
h. User priority
i. Scheduling priority and target of opportunity flag
j. Descriptive text
k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates
l. Earliest start time
m. Latest stop time
n. Minimum coverage required
o. Maximum coverage desired
p. Number of instruments involved in the investigation
q. Which instruments are involved in the investigation.
r. Associated product generation request and product distribution request
s.   Pointing angle
t.   Calibration requirements
u.   Coordination requirements
v.   Data transmission requirements
w.   Illumination requirements (day/night)
x.   Specific time of observation
y.   Sun angle
z.   Direct downlink option | |

ASTER-0120#B	B	SDPS	DAR Status from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at a minimum: a. Date and time b. Instrument ID c. DAR ID d. Request status e. Implementation schedule f. If rejection, then the reason for the rejection.	
ASTER-0130#B	B	SDPS	Requests for DAR Status	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive queries for the current status of ASTER DARs which were previously submitted to the ASTER GDS by ECS.	
ASTER-0200#B	B	FOS	EOC Planning Aids to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive planning aids (e.g., predicted orbit data, and spacecraft maneuver information).	
ASTER-0210#A	A	FOS	Instrument Resource Profiles to EOC	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER instrument resource profiles and instrument resource deviation lists (when a resource profile exists).	
ASTER-0210#B	B	FOS	Instrument Resource Profiles to EOC	interface	TBD	no new functionality	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER instrument resource profiles and instrument resource deviation lists (when a resource profile exists).	

ASTER-0220#A	A	FOS	Resource Conflict Notification	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when ASTER instrument resource profile information cannot be integrated into the preliminary resource schedule.	
ASTER-0220#B	B	FOS	Resource Conflict Notification	interface	TBD	no new functionality	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when ASTER instrument resource profile information cannot be integrated into the preliminary resource schedule.	
ASTER-0230#A	A	FOS	Preliminary Resource Schedule	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a preliminary resource schedule. The preliminary resource schedule shall include, at a minimum, the following: a. Activity and DAR identifiers b. Resource availability and usage requirements c. Time constraints d. TDRSS schedule	
ASTER-0230#B	B	FOS	Preliminary Resource Schedule	interface	TBD	no new functionality	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a preliminary resource schedule. The preliminary resource schedule shall include, at a minimum, the following: a. Activity and DAR identifiers b. Resource availability and usage requirements c. Time constraints d. TDRSS schedule	
ASTER-0240#A	A	FOS	Instrument Activity Lists	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive instrument activity lists and instrument activity deviation lists (when an activity list exists) and any updates thereto.	

ASTER-0240#B	B	FOS	Instrument Activity Lists	interface	TBD	no new functionality	ASTER GDS shall have the capability to send and ECS shall have the capability to receive instrument activity lists and instrument activity deviation lists (when an activity list exists) and any updates thereto.	
ASTER-0250#A	A	FOS	Activity Conflict Notifications	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when the ASTER instrument activities cannot be integrated into the detailed activity schedule.	
ASTER-0250#B	B	FOS	Activity Conflict Notifications	interface	TBD	no new functionality	ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when the ASTER instrument activities cannot be integrated into the detailed activity schedule.	
ASTER-0260#A	A	FOS	Detailed Activity Schedules	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive detailed activity schedules and any updates. The detailed activity schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. All spacecraft activities necessary for spacecraft subsystem maintenance d. Spacecraft resource requirements for each activity e. Traceability of instrument activities to DARs	

ASTER-0260#B	B	FOS	Detailed Activity Schedules	interface	TBD	no new functionality	ECS shall have the capability to send and ASTER GDS shall have the capability to receive detailed activity schedules and any updates. The detailed activity schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. All spacecraft activities necessary for spacecraft subsystem maintenance d. Spacecraft resource requirements for each activity e. Traceability of instrument activities to DARs	
ASTER-0300#A[3]	A	FOS	Instrument Operations Coordination	interface	TBD	partially met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive, both electronically and by voice, information to facilitate, at a minimum, the following: a. Planning of coordinated operations b. Resolution of conflicts c. Exchange of instrument status	
ASTER-0300#B	B	FOS	Instrument Operations Coordination	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive, both electronically and by voice, information to facilitate, at a minimum, the following: a. Planning of coordinated operations b. Resolution of conflicts c. Exchange of instrument status	

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[3] The addition of this new RBR is REJECTED. The FOS 4s that are currently mapped are not applicable (L4 mapping error).

ASTER-0310#A[4]	A	FOS	Instrument Operations Coordination	interface	TBD	partially met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive, both electronically and by voice, information to facilitate, at a minimum, the following: a. Planning of coordinated operations b. Resolution of conflicts c. Exchange of instrument status	
ASTER-0310#B	B	FOS	Instrument Operations Coordination	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive, both electronically and by voice, information to facilitate, at a minimum, the following: a. Planning of coordinated operations b. Resolution of conflicts c. Exchange of instrument status	
ASTER-0340#A	A	FOS	"What-if" Inputs	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive "What-If" planning and scheduling inputs.	
ASTER-0340#B	B	FOS	"What-if" Inputs	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive "What-If" planning and scheduling inputs.	
ASTER-0350#A	A	FOS	"What-if" Results	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive "What-If" planning and scheduling results.	
ASTER-0350#B	B	FOS	"What-if" Results	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive "What-If" planning and scheduling results.	

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[4] The addition of this new RBR is REJECTED. The FOS 4s that are currently mapped are not applicable (L4 mapping error).

ASTER-0410#B	B	FOS	Command load generation status	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive command load generation status information, including at a minimum, the following: a. Spacecraft Control Computer (SCC)-stored command load report b. Integrated report having orbital events, command execution times, and TDRSS contacts with candidate loads	
ASTER-0520#A[5]	A	FOS	Real time command groups requests	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive real time command groups requests.	
ASTER-0520#B	B	FOS	Real time command groups requests	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive real time command groups.	
ASTER-0530#B	B	FOS	Instrument command uplink status	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive instrument command uplink status. Instrument command uplink status shall include (at a minimum): a. receipt of the command group at the EOC b. validation status at the EOC c. receipt of the command at the AM-1 spacecraft	
ASTER-0540#B	B	FOS	Pre-planned command groups	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive pre-planned command groups.	

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[5] The addition of this new RBR is REJECTED. This interface with the ASTER ICC is neither required nor testable until Release B.

ASTER-0550#B	B	FOS	Instr. contingency cmd notif.	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive instrument command notification when ECS issues emergency/contingency ASTER command groups.	
ASTER-0570#B	B	FOS	Instrument Status Data	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER instrument status data.	
ASTER-0580#B	B	FOS	Spacecraft Status to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive AM-1 spacecraft status data.	
ASTER-0590#B	B	FOS	Mission Status Reports	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive mission status reports.	
ASTER-0600#B	B	SDPS	Instrument history log	interface	TBD	TBD	ASTER GDS shall have the capability to send and ECS shall have the capability to receive instrument history log data and associated metadata.	
ASTER-0700#B	B	SDPS	Level 1a delivery to EDC	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS (EDC DAAC) shall have the capability to receive Level 1a data products, including associated ancillary data, metadata, and browse.	
ASTER-0710#B	B	SDPS	Quick look products from Japan	interface	TBD	TBD	ASTER GDS shall have the capability to send and ECS (EDC DAAC) shall have the capability to receive Quick Look Level 1 (TBD) data products, including associated ancillary data, metadata, and browse. [TBR]	
ASTER-0730#B	B	SDPS	O/A Orbit data anomaly notifications	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive orbit/attitude data anomaly notifications.	

ASTER-0740#B	B	SDPS	Repaired/refined orbit data	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive repaired/refined orbit data provided to ECS by the GSFC Flight Dynamics Facility.	
ASTER-0750#B	B	SDPS	Repaired/refined attitude data	interface	TBD	TBD	ECS shall have the capability to send and ASTER GDS shall have the capability to receive repaired/refined attitude data provided to ECS by the GSFC Flight Dynamics Facility.	
ASTER-0760#B	B	SDPS	Data Avail. Schedule from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive data availability schedules for ASTER GDS data products which were requested by ECS.	
ASTER-0770#B	B	SDPS	Data Avail. Schedule to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive data availability schedules for ECS data products which were requested by ASTER GDS.	
ASTER-0780#B	B	SDPS	Schedule adjudication from Japan	interface	TBD	TBD	ECS shall have the capability to send and ASTER GDS shall have the capability to receive schedule adjudication data.	
ASTER-0790#B	B	SDPS	Schedule adjudication to Japan	interface	TBD	TBD	ASTER GDS shall have the capability to send and ECS shall have the capability to receive schedule adjudication data.	
ASTER-0800#B	B	SDPS	Dependent Valids to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive dependent valids information related to ECS data products.	
ASTER-0805#B	B	SDPS	Dependent valids from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive dependent valids information related to ASTER GDS data products.	

ASTER-0810#B	B	SDPS	Directory metadata to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive directory metadata related to ECS data products.	
ASTER-0815#B	B	SDPS	Directory metadata from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive directory metadata related to ASTER GDS data products.	
ASTER-0820#B	B	SDPS	Inventory Search to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive inventory search requests.	
ASTER-0825#B	B	SDPS	Guide search to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive guide search requests.	
ASTER-0830#B	B	SDPS	Browse requests to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive browse requests.	
ASTER-0835#B	B	SDPS	Inventory search results from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive inventory data search results.	
ASTER-0840#B	B	SDPS	Guide search results from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive guide search results.	
ASTER-0845#B	B	SDPS	Browse results from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive browse results.	
ASTER-0850#B	B	SDPS	Inventory search to ECS	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive inventory search requests.	
ASTER-0855#B	B	SDPS	Guide search to ECS	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive guide search requests.	

ASTER-0860#B	B	SDPS	Browse requests to ECS	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive browse requests.	
ASTER-0865#B	B	SDPS	Inventory results from ECS	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive inventory search results.	
ASTER-0870#B	B	SDPS	Guide results from ECS	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive guide search results.	
ASTER-0875#B	B	SDPS	Browse results from ECS	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive browse results.	
ASTER-0880#A	A	CSMS	Authentication request from ECS	interface	TBD	partially met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication requests for ASTER GDS privileges of EOSDIS users.	
ASTER-0880#B	B	CSMS	Authentication request from ECS	interface	TBD	all functionality complete	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication requests for ASTER GDS privileges of EOSDIS users.	
ASTER-0885#A	A	CSMS	Authentication results to ECS	interface	TBD	partially met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication information specifying ASTER GDS privileges for EOSDIS users.	
ASTER-0885#B	B	CSMS	Authentication results to ECS	interface	TBD	all functionality complete	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication information specifying ASTER GDS privileges for EOSDIS users.	
ASTER-0890#A	A	CSMS	Authentication requests to ECS	interface	TBD	partially met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication requests for ECS privileges of ASTER GDS users.	

ASTER-0890#B	B	CSMS	Authentication requests to ECS	interface	TBD	all functionality complete	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication requests for ECS privileges of ASTER GDS users.	
ASTER-0895#A	A	CSMS	Authentication results to Japan	interface	TBD	partially met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication information specifying ECS privileges for ASTER GDS users.	
ASTER-0895#B	B	CSMS	Authentication results to Japan	interface	TBD	all functionality complete	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication information specifying ECS privileges for ASTER GDS users.	
ASTER-0900#B	B	SDPS	Product requests to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive product requests for ASTER GDS data products.	
ASTER-0905#B	B	SDPS	Product generation req. to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive product generation requests for ASTER GDS data products. Product generation requests will include an associated product distribution request.	
ASTER-0910#B	B	SDPS	Product Delivery Status from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive product delivery status information. Product delivery status information contains the following information, at a minimum: a. Requester identification b. Request identification c. Request status d. If rejection, then the reason for the rejection e. If delayed longer than the latest completion time specified by the user, adjusted start and stop times.	

ASTER-0915#B	B	SDPS	Product Del. Status Req. to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive requests for product delivery status.	
ASTER-0920#B	B	SDPS	Product Requests from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive product requests for ECS data products.	
ASTER-0925#B	B	SDPS	Product Generation Req. from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive product generation requests for ECS data products. Product generation requests will include an associated product distribution request.	
ASTER-0930#B	B	SDPS	Product Del. Status to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive product delivery status information. Product delivery status information contains the following information, at a minimum: a. Requester identification b. Request identification c. Request status d. If rejection, then the reason for the rejection e. If delayed longer than the latest completion time specified by the user, adjusted start and stop times.	
ASTER-0935#B	B	SDPS	Product Del. Status Req. from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive requests for product delivery status.	
ASTER-0940#B	B	SDPS	ECS Data Products to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive Level 0 - Level 4 data products, including associated ancillary, metadata, and browse.	

ASTER-0945#B	B	SDPS	ASTER GDS Data Products to ECS	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive Level 1b - Level 4 ASTER data products, including associated ancillary, metadata, and browse.	
ASTER-0950#B	B	SDPS	Ancillary data to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive ancillary data, including associated metadata.	
ASTER-0955#B	B	SDPS	Correlative data to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive correlative data, including associated metadata.	
ASTER-0960#B	B	SDPS	Ancillary data from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ancillary data, including associated metadata.	
ASTER-0965#B	B	SDPS	Correlative data from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive correlative data, including associated metadata.	
ASTER-1000#B	B	CSMS	System & Network Mgmt Info to Japan	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive ECS system and network management information.	
ASTER-1005#B	B	CSMS	Req. for ASTER network mgmt info	interface	TBD	fully met	ECS shall have the capability to send and ASTER GDS shall have the capability to receive requests for ASTER GDS network management information.	
ASTER-1010#B	B	CSMS	System & Netwk Mgmt info from Japan	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER GDS system and network management information.	

ASTER-1015#B	B	CSMS	network mgmt info request to ECS	interface	TBD	fully met	ASTER GDS shall have the capability to send and ECS shall have the capability to receive requests for ECS network system management information.	
ASTER-1020#B	B	CSMS	ESN connection to JPL pickup point	interface	TBD	TBD	ECS shall provide (via GFP PSCN circuits) the necessary communications connections to the ASTER designated pick up points (at JPL) for the U.S. Gateway for ESN (mission success) communications.	
ASTER-1040#B	B	CSMS	ESN services at JPL gateway	interface	TBD	TBD	ECS shall provide protocol translation (TBR), termination, bridging, and routing for ESN communications interfaces to the U.S. Gateway for ASTER GDS communications.	
ASTER-1060#A[6]	A	FOS | SDPS | CSMS	ECS support of TCP/IP	interface	TBD	partially met	ECS shall provide support for Transport Control Protocol/Internet Protocol (TCP/IP) [TBR] communications protocols to the U.S. Gateway for ASTER GDS communications.	
ASTER-1060#B	B	FOS | SDPS | CSMS	ECS support of TCP/IP	interface	TBD	all functionality complete	ECS shall provide support for Transport Control Protocol/Internet Protocol (TCP/IP) [TBR] communications protocols to the U.S. Gateway for ASTER GDS communications.	
ASTER-1080#B	B	FOS | CSMS | SDPS	Security	interface	TBD	fully met	The interface between ECS and ASTER GDS shall be compliant with the interface guidelines identified in the ECS Security Plan.	

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[6] The addition of this new RBR is ACCEPTED. For Release A, this applies to some FOS interfaces (Planning & Scheduling). The remaining FOS, SDPS, and CSMS interfaces are Release B.

ASTER-2000#B	B	FOS | SDPS | CSMS	ECS RMA	interface	TBD	fully met	ECS functions shall have an operational availability (computed as defined in the Functional and Performance Requirements Specification for the EOSDIS Core System) of 0.96 at a minimum and a Mean Down Time (MDT) of four (4) hours or less, unless otherwise specified.	
ASTER-2030#B	B	FOS	ECS RMA for real time functions	interface	TBD	fully met	The ECS FOS shall have an operational availability of 0.99925 at a minimum and a MDT of five (5) minutes or less for real time functions that support: a. Launch b. Early orbit checkout c. Disposal d. Orbit adjustment e. Anomaly investigation f. Recovery from safe mode g. Routine real time commanding and associated monitoring for spacecraft and instrument health and safety.	
ASTER-2040#B	B	FOS	ECS RMA for TOOs	interface	TBD	fully met	The ECS FOS shall have an operational availability of 0.992 at a minimum and a MDT of (1) hour or less for functions associated with Targets of Opportunity (TOOs).	
ASTER-2060#B	B	SDPS	ECS RMA for receiving science data	interface	TBD	fully met	The ECS SDPS function of receiving science data shall have an operational availability of 0.999 at a minimum and an MDT of two (2) hours or less.	
ASTER-2080#B	B	CSMS	ECS RMA for mgmt info	interface	TBD	fully met	The ECS function for gathering and disseminating management information shall have an operational availability of .998 at a minimum and an MDT of 20 minutes or less, for critical services.	
ASTER-5000	B	SDPS	Level 1a Volume	performance	TBD	fully met	The estimated volume of ASTER Level 1a data sent from the ASTER GDS to ECS is 131.472 GB/day.	

ASTER-5010	B	SDPS	Level 1b Volume	performance	TBD	fully met	The estimated volume of ASTER Level 1b data sent from the ASTER GDS to ECS is the data volume that results when at least 40% of the ASTER Level 1a data is processed to Level 1b.	